

Converting Colors

CIELCh(81, 42.084, 65.208)

Have a look what the booklet for
CIELCh(81, 42.084, 65.208) contains.

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Color

CIELCh(81, 42.135, 65.187)

Conversions

Conversions Part 1

Format	Color
Hex	FE8B82
RGB	254, 187, 130
RGB Percent	100%, 73%, 51%
CMY	0.0023, 0.2652, 0.4888
CMYK	0.00, 0.26, 0.49, 0.00
HSL	28°, 99%, 75%
HSV	28°, 49%, 100%
XYZ	62.9285, 58.4711, 29.2147
YIQ	200.5350, 58.2290, -3.5230

Conversions

Conversions Part 2

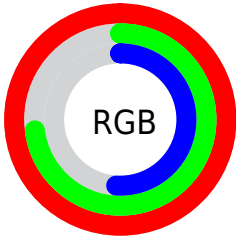
Format	Color
RYB	254, 235, 130
Decimal	16694146
CIELab	81.00, 17.68, 38.25
CIElCh	81, 42.135, 65.187
Yxy	58.4711, 0.4178, 0.3882
Android (android.graphics.Color)	4294884226 (0xFFFE8B82)
YUV	200.5350, -34.7738, 46.8888
Hunter-Lab	76.4664, 13.0815, 30.8742

Details

The CIELCh color **81, 42.135, 65.187** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.119, 260.005**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 30.339, 99.014**, and **61, 42.059, 65.071** is the 20% darker color. If you saturate the color by 10%, you get **77, 52.053, 64.021**, and if you desaturate by 10%, it is **85, 32.599, 66.356**.

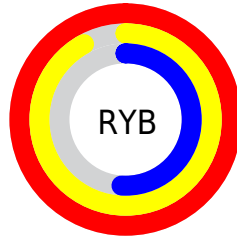
Distribution



Red (100%)

Green (73%)

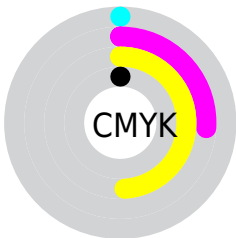
Blue (51%)



Red (100%)

Yellow (92%)

Blue (51%)

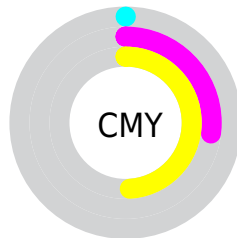


Cyan (0%)

Magenta (26%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 42.135, 65.187 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 81, 42.135, 65.187 by changing the saturation by 10% instead.

 81, 42.135, 65.187

 81, 42.135, 65.187

 100, 42.135,
65.187

 71, 42.135, 65.187

 61, 42.135, 65.187

 51, 42.135, 65.187

 41, 42.135, 65.187

 31, 42.135, 65.187

 21, 42.135, 65.187

 11, 42.135, 65.187

 1, 42.135, 65.187

 0, 42.135, 65.187

81, 42.135, 65.187

81, 42.135, 65.187

77, 52.053, 64.021

85, 32.599, 66.356

74, 62.137, 62.796

88, 23.527, 67.525

71, 71.894, 61.393

92, 14.929, 68.695

68, 80.374, 59.547

96, 6.784, 69.835

65, 86.410, 56.915

100, 0.203,
202.656

65, 87.093, 56.589

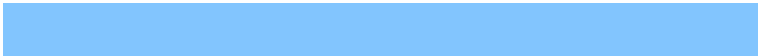
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81, 42.135, 65.187



77, 35.119, 260.005

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 42.135, 65.187



81, 42.135, 115.187



81, 42.135, 245.187



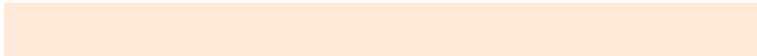
81, 42.135, 295.187

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81, 42.134, 65.192



94, 11.837, 69.130



70, 56.584, 345.932



49, 8.122, 68.887



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 42.134, 65.192



78, 52.393, 63.992



96, 58.336, 103.151



51, 4.420, 69.753



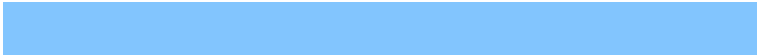
50, 69.950, 57.293



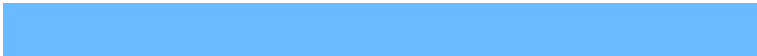
15, 27.100, 57.843

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77, 35.119, 260.005



73, 41.913, 263.152



61, 66.020, 295.492



51, 4.295, 252.190



44, 53.725, 279.940



13, 22.071, 273.083

Previews

White Background



This preview shows how the CIELCh color 81, 42.135, 65.187 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 81, 42.135, 65.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 42.135, 65.187

Background



This preview shows how black text looks on a background with the CIELCh color 81, 42.135, 65.187.



This preview shows how white text looks on a background with the CIELCh color 81, 42.135, 65.187.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81, 42.135, 65.187

Protanopia

81, 34.808, 95.489

Deuteranopia

81, 40.207, 75.499



Tritanopia
81, 28.470, 9.139

Trichromacy



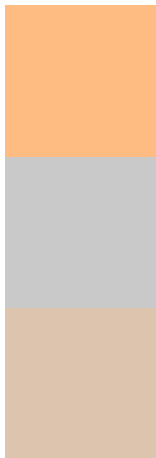
Original Color
81, 42.135, 65.187

Protanomaly
81, 35.957, 83.277

Deuteranomaly
81, 40.920, 71.900

Tritanomaly
81, 29.323, 34.952

Monochromacy



Original Color
81, 42.135, 65.187

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 14.572, 69.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 42.135, 65.187 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 187, 130)` looks like.

```
.text, #text, p{  
    color:rgb(254, 187, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 187, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 187, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 42.135, 65.187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 187, 130) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 187, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 187, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 187, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 187, 130);  
box-shadow:4px 4px 4px 4px rgb(254, 187,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 42.135, 65.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 187, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
187, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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